

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2005/000387

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C23C 4/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C23C, B05D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

KJPONET

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 05302414 A (ANATOLY NIKIFOROVICH PAPYRIN) 12 Apr. 1994 See the whole document	1, 4, 8, 9, 12, 15
A	JP 09-296264 A (NAKABOOTEC KK) 18 Nov. 1997 See the whole document	1, 2, 9, 12, 15
A	WO 02061177 A (SIEMENS WESTINGHOUSE POWER CORPORATION) 8 Aug. 2002 See the whole document	1, 4, 8, 9, 12, 15

Further documents are listed in the continuation of Box C.

See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

21 JUNE 2005 (21.06.2005)

Date of mailing of the international search report

22 JUNE 2005 (22.06.2005)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Faxsimile No. 82-42-472-7140

Authorized officer

KIM, Seong Kon

Telephone No. 82-42-481-5527



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2005/000387

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 05302414 A	12.04.1994	DE69016433C0 DE69016433T2 EP484533A1 EP484533A4 EP484533B1 US5302414A US5302414B1 W09119016A1	09.03.1995 20.07.1995 13.05.1992 07.10.1992 25.01.1995 12.04.1994 25.02.1997 12.12.1991
JP 09-296264 A	18.11.1997	JP09296264 JP3090187B2 JP9296264A2	18.11.1997 18.09.2000 18.11.1997
WO 02061177 A2	08.08.2002	US06444259 US20020102360A1 US2002102360A1 US2002102360AA US2004202885A1 US2004202885AA US6444259B1 W02002061177A2 W02002061177A3	03.09.2002 01.08.2002 01.08.2002 01.08.2002 14.10.2004 14.10.2004 03.09.2002 08.08.2002 31.12.2003